



# SZABO SCANDIC

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## Produktinformation



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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Datasheet

### SIX1 (Human) Recombinant Protein (P01)

**Catalog Number:** H00006495-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human SIX1 full-length ORF (AAH08874, 1 a.a. - 284 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MSMLPSFGFTQEQVACVCEVLQQGGNLERLGRFLWS  
LPACDHLHKNESVLKAKAVVAFHRGNFRELYKILESHQ  
FSPHNHPKLQQLWLKAHYVEAEKLCGRPLGAVGKYR  
VRRKFPLPRTIWDGEETS YCFKEKSRGVLREWYAHNP  
YPSPREKRELAEATGLTTTQVSNWFKNRRQRDRAAE  
AKERENTENNNSSNKQNQLSPLEGGKPLMSSSEEE  
FSPQSPDQNSVLLLQGNMGHARSSNYSPLGLTASQ  
PSHGLQTHQHQLQDSSLGPLTSSLVDLGS

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 56.98

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 6495

**Gene Symbol:** SIX1

**Gene Alias:** BOS3, DFNA23, TIP39

**Gene Summary:** The protein encoded by this gene is a homeobox protein that is similar to the Drosophila 'sine oculis' gene product. This gene is found in a cluster of related genes on chromosome 14 and is thought to be involved in limb development. Defects in this gene are a cause of autosomal dominant deafness type 23 (DFNA23) and branchiootic syndrome type 3 (BOS3). [provided by RefSeq]

**References:**

1. The homeoprotein six1 transcriptionally activates multiple protumorigenic genes but requires ezrin to promote metastasis. Yu Y, Davicioni E, Triche TJ, Merlino G. Cancer Res. 2006 Feb 15;66(4):1982-9.